## Technical Bulletin: CLR 1186 / CLH 6372

### Product Description:
A low viscosity two component epoxy system. Product cures at low temperatures down to 10°C. Product is suitable for laminating, adhesive, and chemical resistant applications. Product has good hiding strength when applied in a thin film.

### Sales Specifications:

<table>
<thead>
<tr>
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<th>CLR 1186</th>
<th>CLH 6372</th>
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</thead>
<tbody>
<tr>
<td>Color</td>
<td>BLACK</td>
<td>AMBER</td>
</tr>
<tr>
<td>Viscosity (Note 1, Note 4)</td>
<td>500 - 1,000 cps</td>
<td>100 - 300 cps</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.16 ± 0.03 gm/cm³</td>
<td>0.95 ± 0.02 gm/cm³</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 MONTHS</td>
<td>12 MONTHS</td>
</tr>
</tbody>
</table>

### Handling:
- **Mix Ratio by Weight (A:B) (Note 2)**: 100:25.0
- **Mixed Viscosity (Note 4)**: 550 cps @ 22 ºC
- **Pot Life of 150 gm. mass (Note 4)**: 40 Min. @ 22 ºC
- **Gel Time of 150 gm. mass (Note 4)**: 60.0 Min. @ 22 ºC

### Cure Schedule (Note 3):
- **Recommended Cure Schedule**: 4 Hrs. @ 60 ºC
- **Alternate Cure Schedule**: 7 Days. @ 22 ºC

### Cured Properties (Not Intended for Preparation of Specifications):
- **Colour**: BLACK
- **Density (gm/cm³)**: 1.03
- **Shore Hardness**: 87D
Our strength is in our formulations

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ELECTRICAL PROPERTIES:

NOTES

Note 1 If a filled resin, setting may occur during transportation or storage. Fillers must be remixed before use.

Note 2 Mix ratio must be within ± 2% of the stated amount and thorough mixing is required to avoid degraded final properties.

Note 3 Other cure schedules may give satisfactory results, however, these should be determined by the customer for their given circumstances.

Note 4 All measurements taken at 22°C unless otherwise specified.

Note 5 These products may trigger allergic responses in some individuals. Prevent contact with skin, wash with plenty of soap and water immediately if contact occurs. Do not breathe vapours, provide good ventilation and exercise good housekeeping at work area. Read the Material Safety Data Sheet and observe.

Note 6 The "Guide to Operating Temperature" is based on our experience with materials of similar chemistry and/or thermal index. The ultimate suitability of this product for a given operating temperature is application dependent and may change according to the demands placed upon it in operation.

Note 7 If indicated, the values under "Electrical Characteristics" may be based on supplier data for products with similar compositions. They are provided only as a guide and the recipient must test each material to determine its suitability for the intended application.

IMPORTANT

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